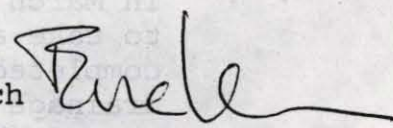


U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION II, REMOVAL ACTION BRANCH  
POLLUTION REPORT

**I. HEADING**

Date: May 25, 1999

From: Eric J. Wilson, On-Scene-Coordinator  
U.S. EPA, Region II, Removal Action Branch



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T. Mignone, ATSDR  
J. Smolenski, NJDEP  
J. Corica, South Plainfield

Subject: Cornell-Dubilier Electronics Site, Residential Cleanup  
South Plainfield, Middlesex County, New Jersey

POLREP: 7

**II. BACKGROUND**

Site No:	GZ
Delivery Order No.:	0017
Response Authority:	CERCLA
CERCLIS No.:	NJD981557879
NPL Status:	Final NPL
State Notification:	NJDEP and NJDHSS Notified
Status of Action Memorandum:	Approved September 19, 1998
Start Date RV2:	March 29, 1998
Start Date BB2:	August 12, 1998
Start Date BB3:	March 31, 1999

**III. SITE INFORMATION**

The site is located in a mixed industrial, commercial and residential area of South Plainfield, New Jersey and consists of the Hamilton Industrial Park, adjacent contaminated residential and commercial properties and contaminated portions of the Bound Brook downstream of the industrial park. Cornell-Dubilier Electronics operated at the industrial park from 1936 to 1962 and allegedly disposed of polychlorinated biphenyl (PCB) contaminated materials and

other hazardous substances directly onto site soils. PCBs have been detected in soils and in building interiors at the industrial park, at adjacent residential and commercial properties and in the surface water and sediment of the Bound Brook.

In March 1997 EPA ordered the owner of the industrial park to take actions to stabilize the site. These actions were completed in September 1997 and included the installation of drainage controls to limit the movement of contaminants to the nearby Bound Brook through surface water run off; paving of driveways and parking areas in the industrial park to limit the migration contaminants in airborne dust; and installation of a security fence to restrict access to contaminated areas, and prevent the tracking of contaminants into the surrounding community.

#### IV. RESPONSE INFORMATION

##### A. Situation

###### 1. Current Situation

The situation at the site has not changed significantly since the last report.

###### 2. Removal activities

###### Tier 1 Residential Soil Removal (BB2)

On Monday, May 3, the PRPs' Contractors continued restoration activities at property areas that were disturbed during the excavation, removal and disposal of PCB contaminated soils.

On Tuesday, May 4, trees, shrubs and other vegetation were planted at 204 Spicer Avenue and additional stone was spread and compacted in the parking area at 305 Spicer Avenue.

On Wednesday, May 5, topsoil was manually graded by the landscaping contractors at 204 Spicer Avenue, 501 Garibaldi Avenue and 501 Hamilton Boulevard.

On Thursday, May 6, the landscaping contractors initiated the application of sod at 501 Garibaldi Avenue and 501 Hamilton Boulevard and completed sodding at 204 Spicer Avenue.



On, Friday, May 7, the landscaping contractor graded topsoil at 500 Garibaldi Avenue in preparations for the planting of sod and continued sodding of 501 Garibaldi Avenue.

On Monday, May 10, the landscaping contractor completed sodding at 500 Garibaldi Avenue and 501 Garibaldi Avenue.

On Tuesday, May 11, the wooden fence at 501 Garibaldi Avenue and the damaged chain-link fence at 501 Hamilton Boulevard were replaced. The original wooden fences at 500 Garibaldi Avenue and 210 Spicer Avenue were reinstalled. The damaged portions of the concrete sidewalks on Spicer Avenue (in front of 204 Spicer Avenue) and Hamilton Boulevard (east of 501 Hamilton Boulevard) were repaired. The concrete patio at 204 Spicer Avenue was also repaired and the manual grading of Property F.

On Wednesday, May 12, installation of sod was initiated at 210 Spicer and preparations were made for installation of the swimming pool which was removed during removal operations.

On Thursday, May 13, the pool was installed and installation of sod continues at 210 Spicer Avenue.

On Friday, May 14, installation of sod at 210 Spicer Avenue was completed.

During an inspection of the completed landscaping restorations on Monday, May 17, problems were identified with the quality of the work at 210 Spicer Avenue and 501 Garibaldi Avenue. Corrective actions have been initiated to resolve these problems. The restorations completed to date at 204 Spicer Avenue, 305 Spicer Avenue, 500 Garibaldi and 501 Hamilton Boulevard are satisfactory.

#### Tier 2 Residential Soil Removal (BB3)

DSC of Newark has agreed to participate with Cornell-Dubilier Electronics Inc. and Dana Corporation in the remediation and restoration of the Tier 2 residential properties. Federal Pacific Electric has informed EPA that they do not intend to participate in this work.

On May 21 a revised work plan for remediation and restoration of the Tier 2 residential properties was submitted to EPA for review and approval.

### Other Site Activities

In October 1998 soil samples and interior wipe samples were collected from commercial properties bordering the Hamilton Industrial Park. These samples were analyzed for PCBs. EPA and the Agency for Toxic Substances and Disease Registry (ATSDR) reviewed this data to determine if the levels of PCBs detected would present a health concern for workers. PCBs were not detected in the interior wipe samples collected. EPA and ATSDR have concluded that the level of PCBs present in interior dust at the commercial properties sampled is not a health concern. PCBs were detected in the soil samples collected at concentrations up to 7 parts per million. Exposure to PCBs at this level is not a health concern for workers. However, the number of samples collected are not sufficient to characterize the extent of contamination at the properties sampled. Additional sampling of commercial properties is planned as part of the remedial investigation of the site. The owners of the properties sampled have been informed of the results of the sampling and health evaluations.

### 3. Enforcement

PRPs for the Site have been ordered to remove contaminated soil from 13 residential properties.

### B. Planned Removal Activities

Soil removal is underway at 6 Tier 1 properties and is planned at 7 Tier 2 properties. Interior cleaning is planned at 2 Tier 1 and 2 Tier 2 properties.

### C. Next Steps

Restoration of Tier 1 residential properties will be completed. Work on Tier 2 residential properties will be start upon approval of work plans.

### D. Key Issues

None.



V. COST INFORMATION (Fund-Lead Removal Actions through 5/21/99)

		<u>Amount Budgeted</u>	<u>Cost To Date</u>	<u>Amount Remaining</u>
ERRS Costs	\$	332,000	175,150	156,850
START Costs	\$	22,000	6,989	15,011
Contingency	\$	21,000	n/a	21,000
EPA Costs	\$	<u>50,000</u>	<u>36,750</u>	<u>13,250</u>
Total Costs	\$	425,000	\$ 218,889	\$ 206,111

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Waste stream	Medium	Quantity	Treatment	Disposal
Decontamination Solids (RV2)	Soil/Solids	4 drums	TSCA Landfill	CWM, Model City, NY
Decontamination Liquids (RV2)	Liquids	5 drums	Incineration	CWM, Model City, NY
Non-TSCA Regulated Soil (BB2)	Soil	1744 tons	Landfill	G.R.O.W.S Morrisville, PA
TSCA Regulated Soil (BB2)	Soil	21 tons	Landfill	CWM, Model City, NY